

City of Sunnyvale

Civic Center Modernization Master Plan

Civic Center Masterplan and City Hall Alternates

September 20, 2017 | Arts Commission: 7:00pm

AGENDA

- 01** **SCHEDULE
& UPDATES**
- 02** **MASTER PLAN GOALS
& SUCCESS CRITERIA**
- 03** **SITE ASSESSMENT/
DUE DILIGENCE**
- 04** **TWO ALTERNATIVES**
- 05** **NEXT
STEPS**

01 **SCHEDULE & UPDATES**

SCHEDULE

Phase 1 : Assessments (Defining the Problem)

- ✓ Visioning Meeting (6/14)
- ✓ 3 Community Focus Group Meetings (6/14)
- ✓ Report to Project Manager (6/28)
- ✓ Core Team Meeting (7/3)
- ✓ Sustainability Commission Meeting (6/19)
- ✓ City Council Meeting Decision (7/25)
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Phase 2 : Alternatives Development

- ✓ Core Team Meeting (9/5)
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Phase 3 : Preferred Alternate Development

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- Core Team Meeting – Review Draft EIR (1/16/18*)
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- **City Council Meeting on Final Master Plan (9/18/18*)**

**2018 Dates are tentative*

Where We Left Off

City Council voted on 7/25 on the following:

1. Build 11,000sf addition to Public Safety



2. Demolish the City Hall Annex Building & Include NOVA in the new City Hall



02 MASTER PLAN GOALS & SUCCESS CRITERIA

Vision Statement

***EFFICIENT, FUNCTIONAL, & FLEXIBLE
SPACE
SUPPORT INNOVATIVE SERVICE DELIVERY
REFLECT THE IDENTITY OF SUNNYVALE
INSPIRE COMMUNITY PRIDE
PROMOTE CIVIC ENGAGEMENT
PRESERVE TREES AND OPEN SPACE
SUPPORT PARTICIPATORY GOVERNANCE***



Success Criteria

- A. Improve the Quality of Services**
- B. Fiscally Responsible**
- C. Accessible to All Citizens**
- D. Civic and Community Engagement**
- E. Increase Usability of Open Space**
- F. Leaders in Sustainability**



Community Input : Focus Groups – June 14

These are not project criteria but general input to be weighed against project goals, priorities & resources:

- City Hall as “face” of Sunnyvale be iconic & landmark, taller than 2 stories—maximize open space
- Preserve trees and build a cohesive campus with great open space
- Less parking
- Keep the community gardens
- Be bold in sustainability goals
- Wayfinding & Communication: multilingual, clear, and understood by all

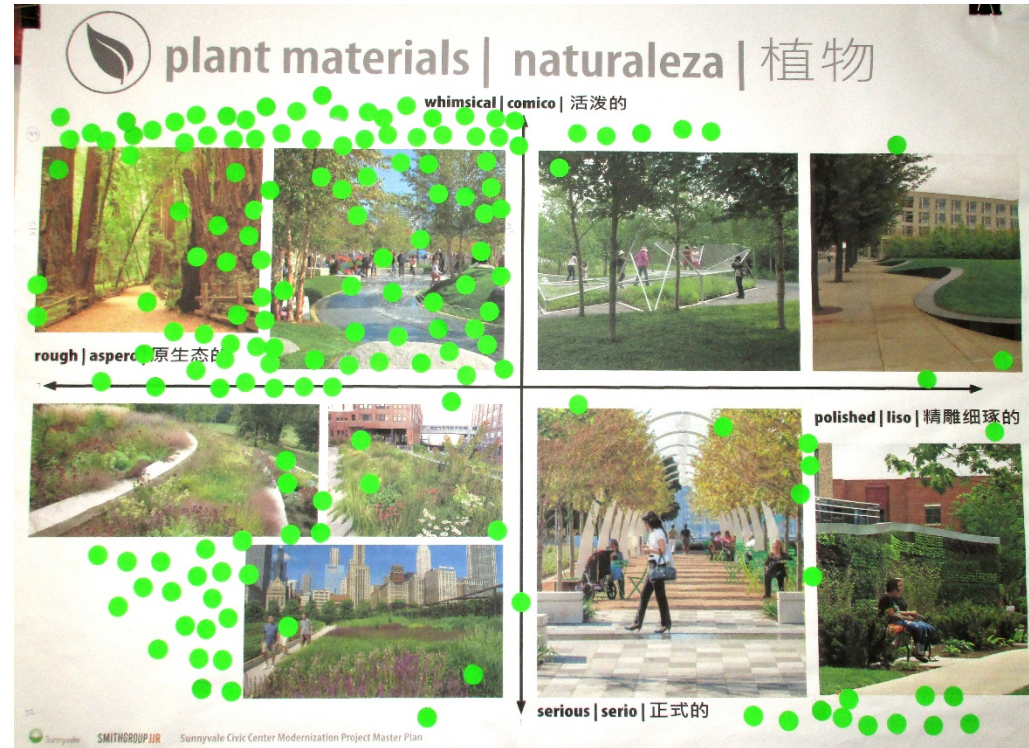


June 14, 2017 – Held 3 Community Focus Group Sessions

Community Input : Continued

These are not project criteria but general input to be weighed against project goals, priorities & resources:

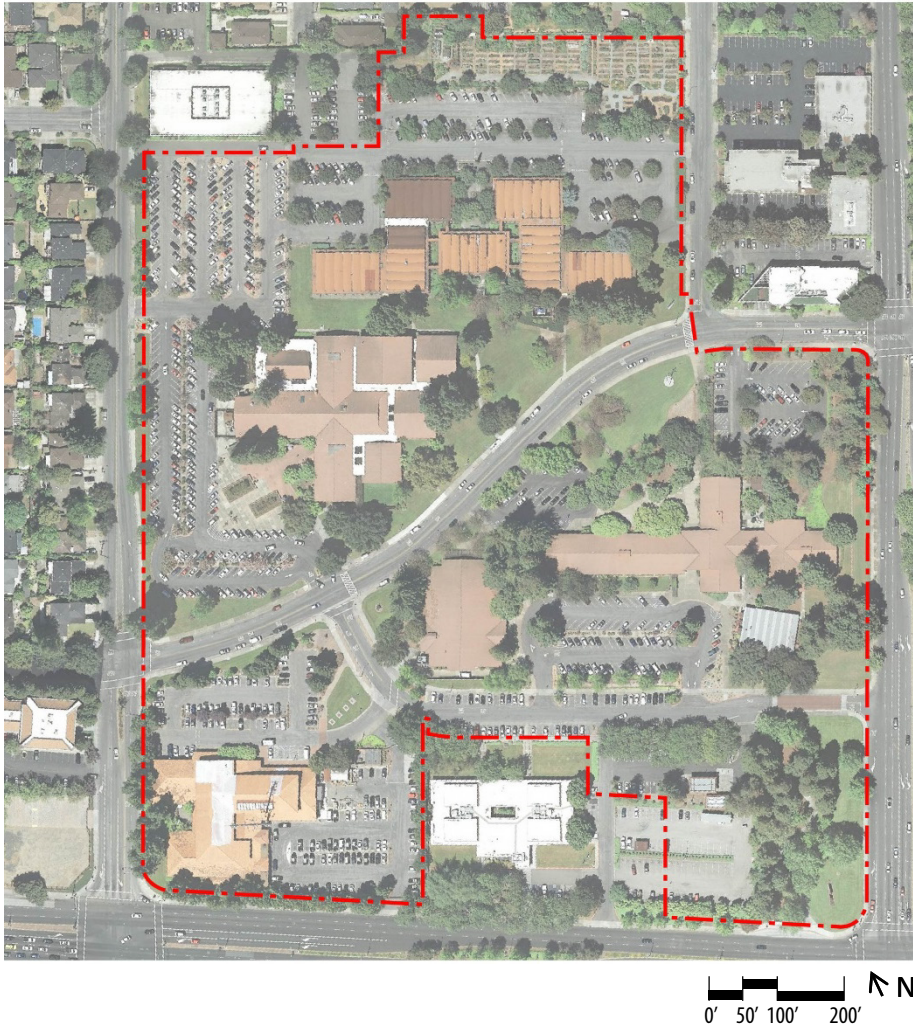
- Incorporate Art
- Welcoming, gathering, democratic
- Multipurpose outdoor spaces, amphitheater, performance, learning
- Campus and all buildings to be warm and inviting to all



July 29, 2017 – State of the City Address: image preference exercise

03 **SITE ASSESSMENT / DUE DILIGENCE**

Existing Site Areas



Areas

Building Footprints:	16%
Asphalt:	40%
Open Space:	44%

Unique Site Features

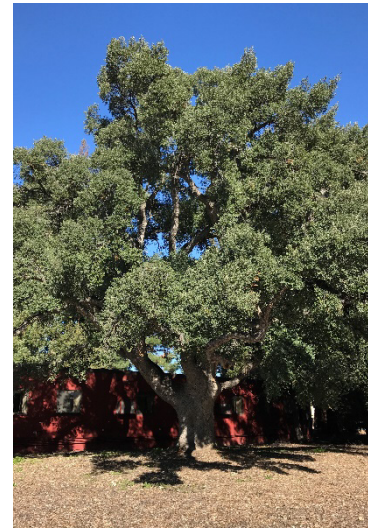


Trees Types



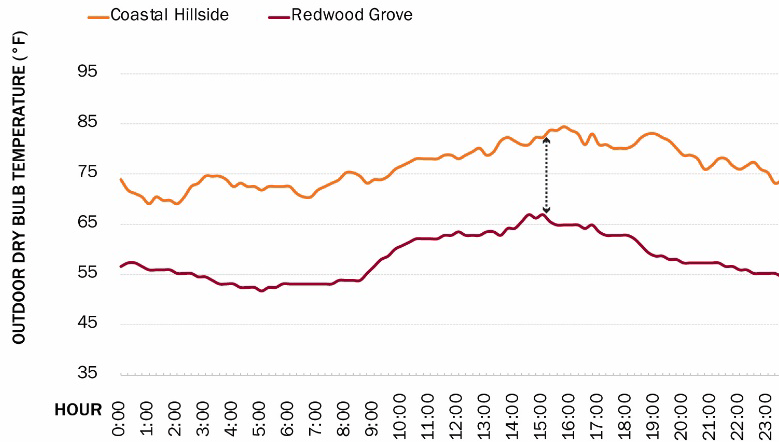
Key

- Protected Trees
- Redwoods
- Oaks



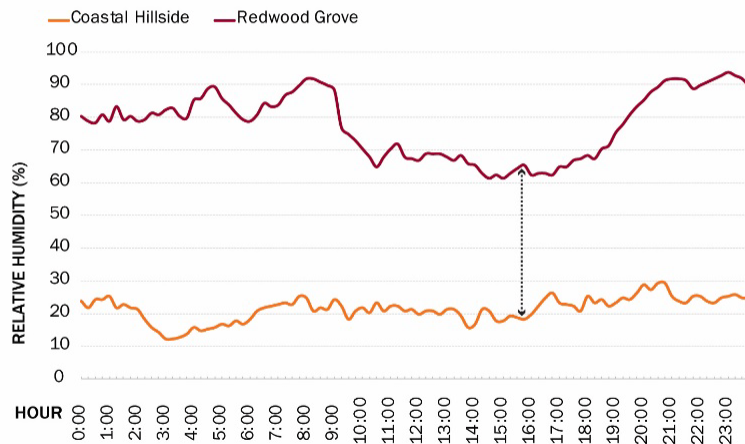
Redwood Microclimate & 'Natural Evaporative Cooling'

OUTDOOR DRY BULB TEMPERATURE COMPARISON
REDWOOD GROVE vs. EXPOSED MEADOW (TYPICAL MAY DAY)



* Data from Big Creek Reserve Weather Stations

RELATIVE HUMIDITY COMPARISON
REDWOOD GROVE vs. EXPOSED MEADOW (TYPICAL MAY DAY)



* Data from Big Creek Reserve Weather Stations



Protected Trees



Key



Special Trees



Key

- Protected Trees
- Special Trees

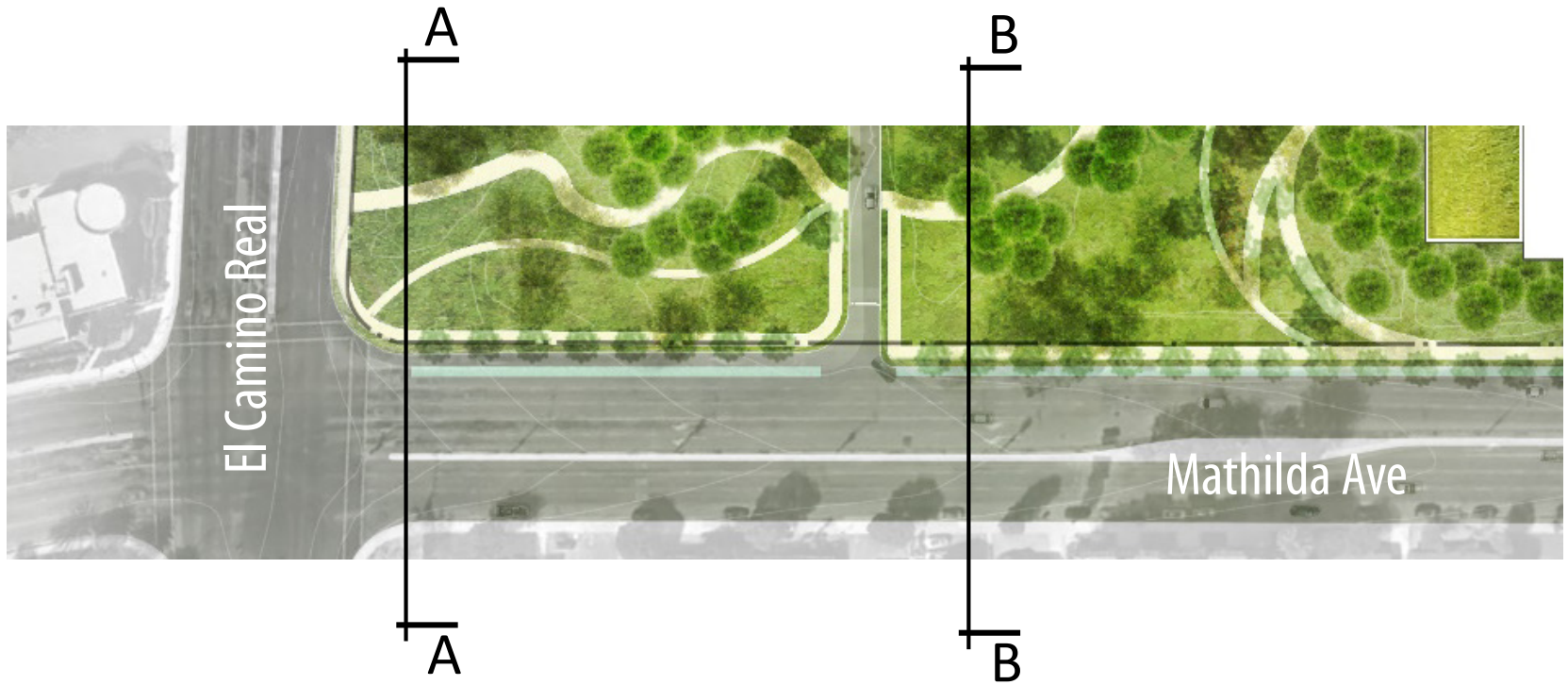
Buildable Areas



Minimize Impacts

Site	City Hall	Library	DPS
1	N	N	Y
2	N	N	Y
3	Y	N	N
3a	Y	N	N
4	N	Y	Y
5	N	N	Y
6	N	Y	Y
6A	N	Y	N
7	N	N	N

Mathilda Ave Bike Lane Improvements

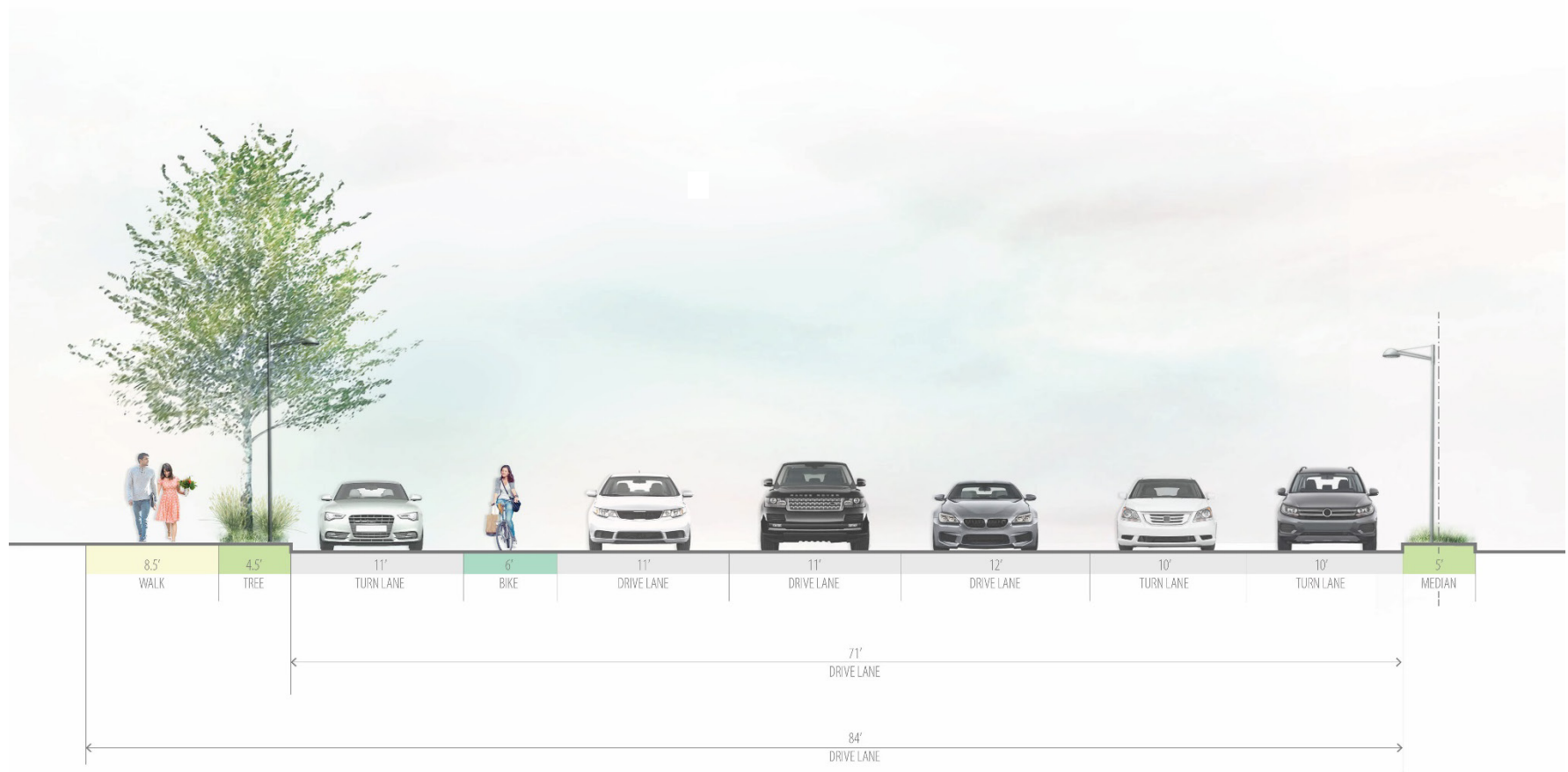


Mathilda Ave Bike Lane Improvements



Mathilda Ave at All American Way

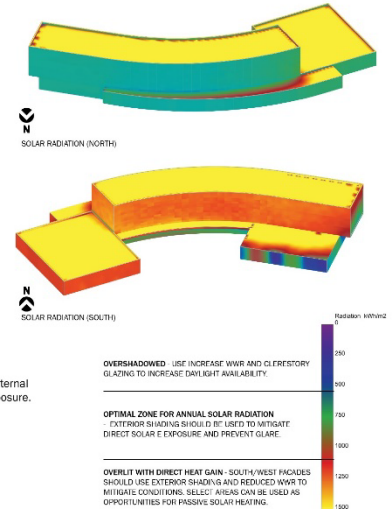
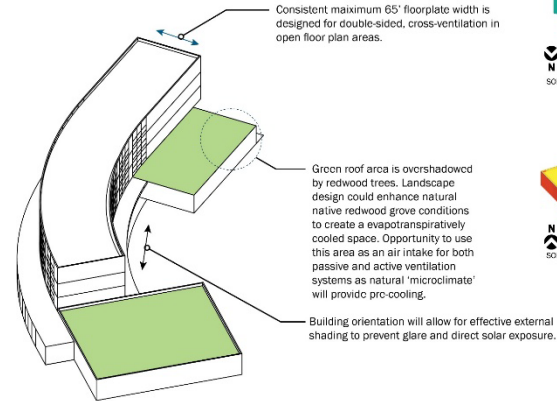
Mathilda Ave Bike Lane Improvements



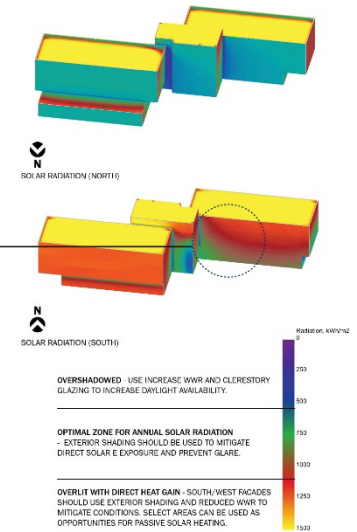
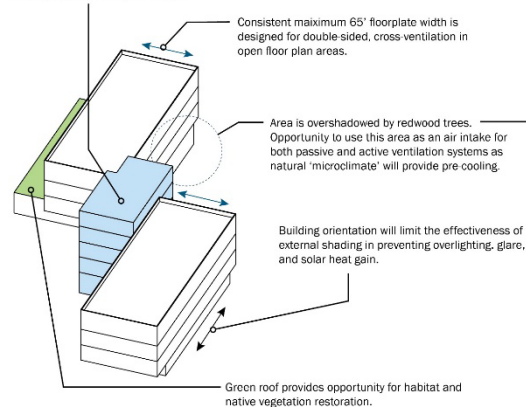
Mathilda Ave at El Camino Real

Sustainability Strategies

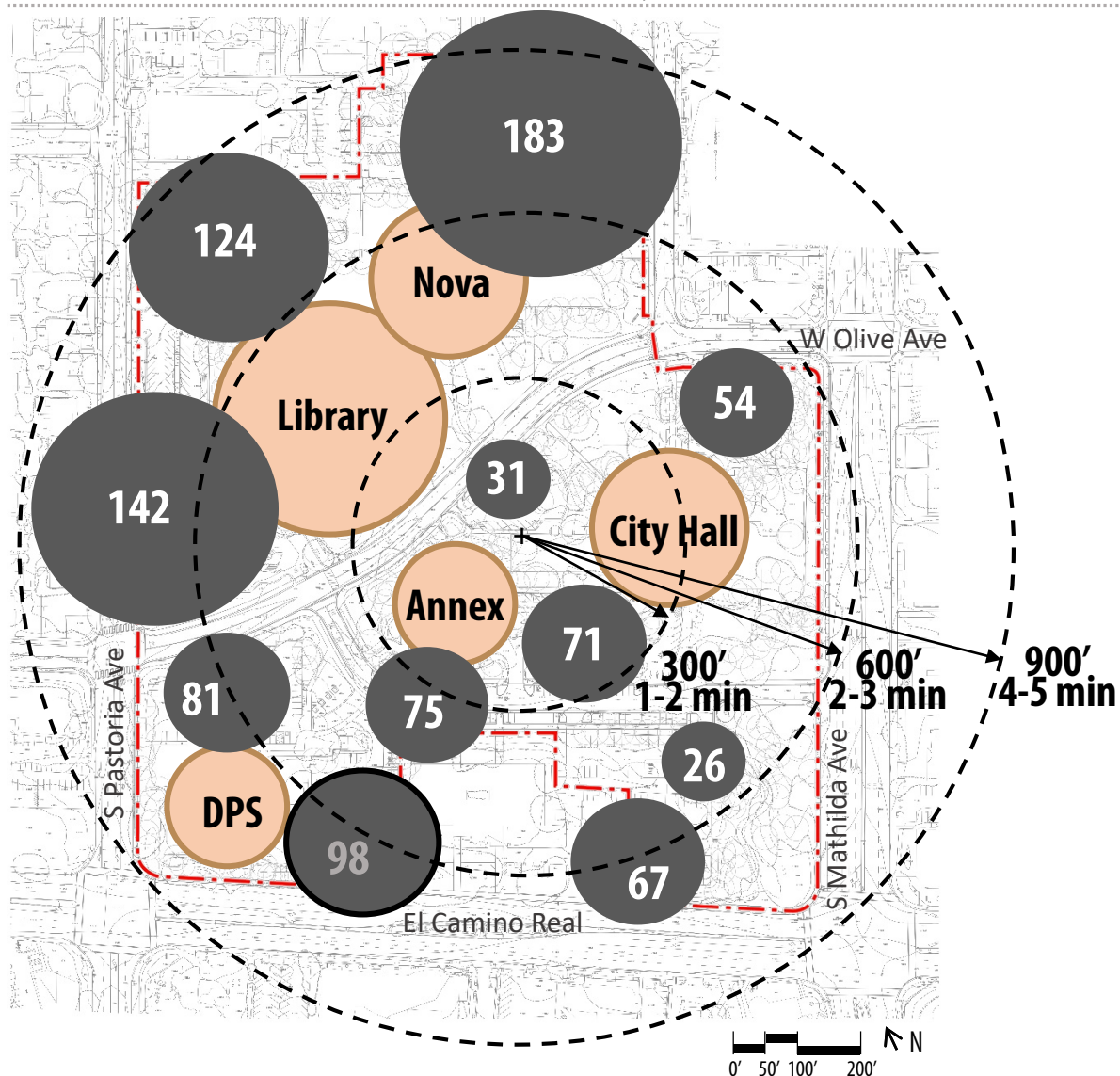
- LEED Platinum
- Potential for Net Zero
- Natural ventilation
- Optimized daylighting
- Photovoltaics
- Water storage
- Utilizing site features



Atrium can be used as opportunity for draught cooling or stack ventilation to provide cooling for lobby and adjacent open office areas. Architecturally, this can serve as a design element that highlights the net zero building's passive design strategies.



Existing Parking Supply



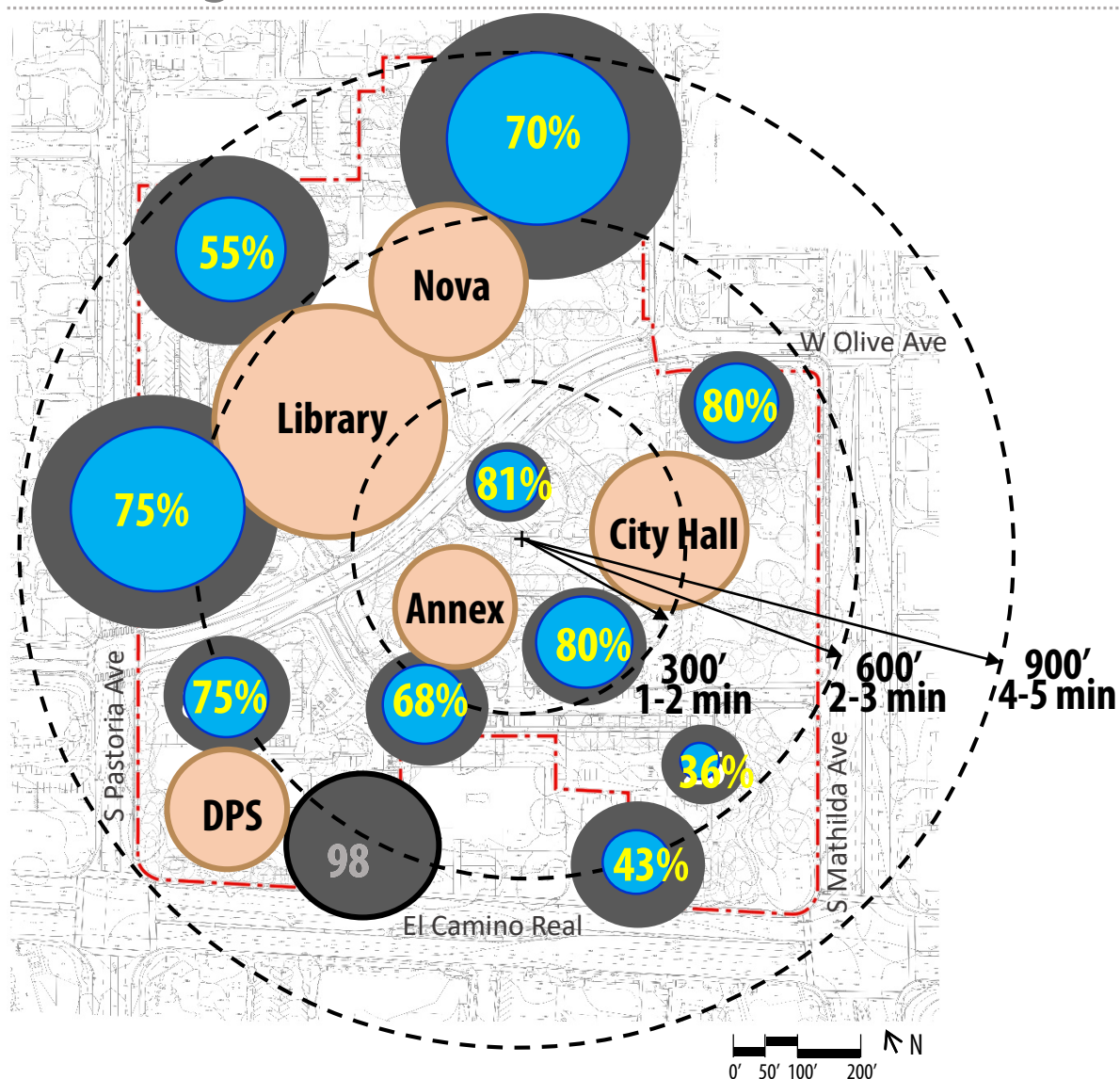
Parking Summary

Public Spaces 854

DPS Secure* 98

**DPS Secure Parking Spaces not included in Public Space Count*

Parking Utilization



Campus-wide Summary

Public Spaces 854

Average Occupancy

75%

So What?*

Total Parking Spaces 854 Spaces

Average Utilization 640 Spaces

**DPS Secure Parking Spaces not included in Public Space Count*

Master Plan Parking Demand

Program	Existing GSF	Existing Parking	Proposed Phase 1 GSF	Proposed Master Plan GSF	PARKING DEMAND MODEL #1 : City Code	PARKING DEMAND MODEL #2 : ULI Shared
City Hall	96,000*		104,000**	104,000**	260	247
Library	61,000		61,000	118,000	392	372
DPS	41,000		52,000	60,000	120	114
Total	198,000	854 Spaces	217,000	282,000	772 Spaces	731 Spaces

*Includes City Hall, City Hall Annex, South Annex, and Sunnyvale Office Center

**Includes EOC, NOVA and Fire Protection

Current Civic Center Parking Spaces

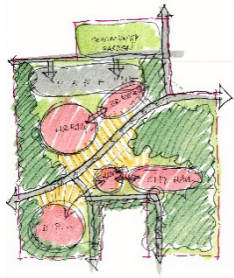
854 Spaces

Current Civic Center Average Utilization

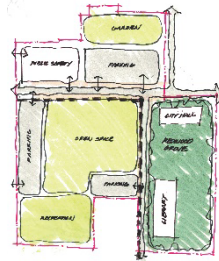
640 Spaces

04 TWO ALTERNATIVES

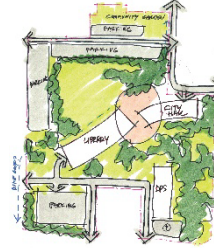
Planning Process



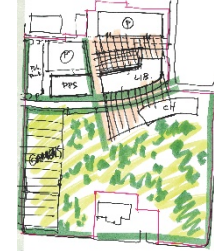
Option 1
Keeping Olive



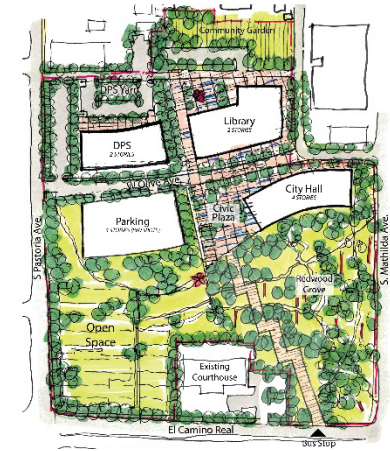
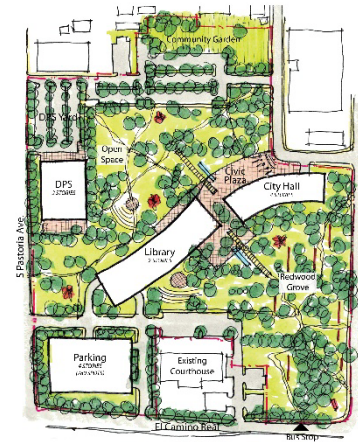
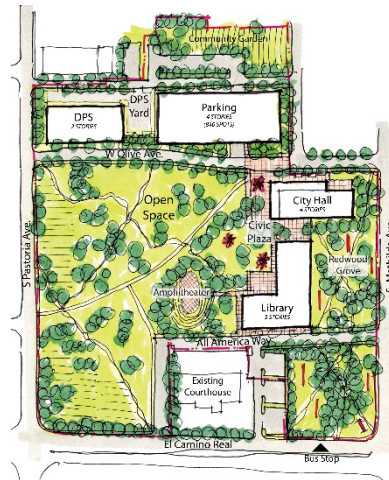
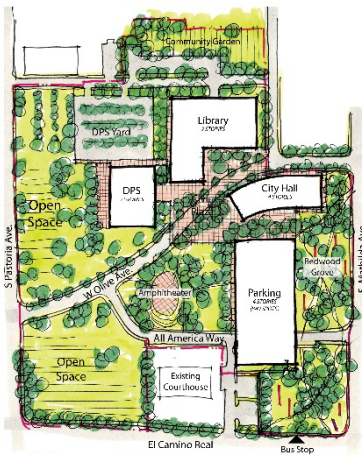
Option 2
Civic Green



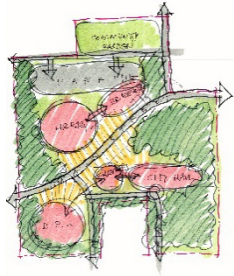
Option 3
New Olive



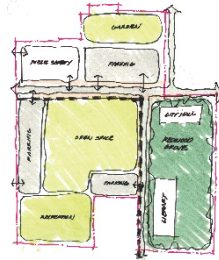
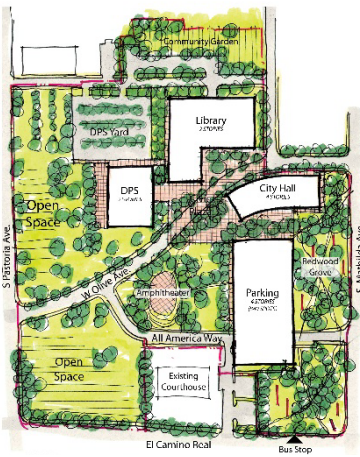
Option 4
Civic Plaza



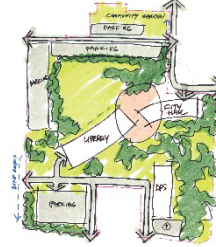
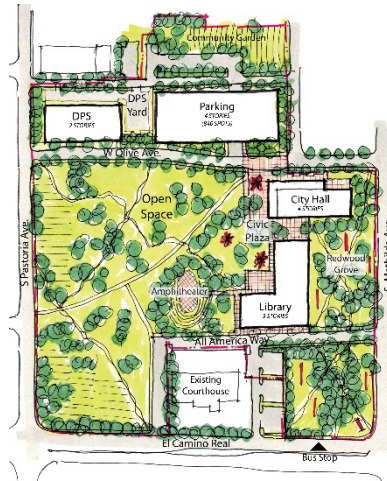
Planning Process



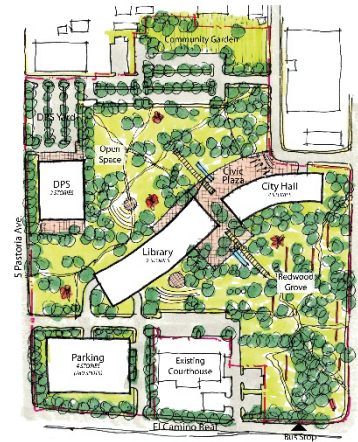
Option 1
Keeping Olive



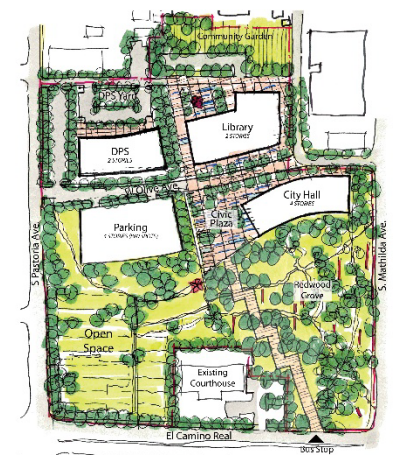
Option 2
Civic Green



Option 3
New Olive

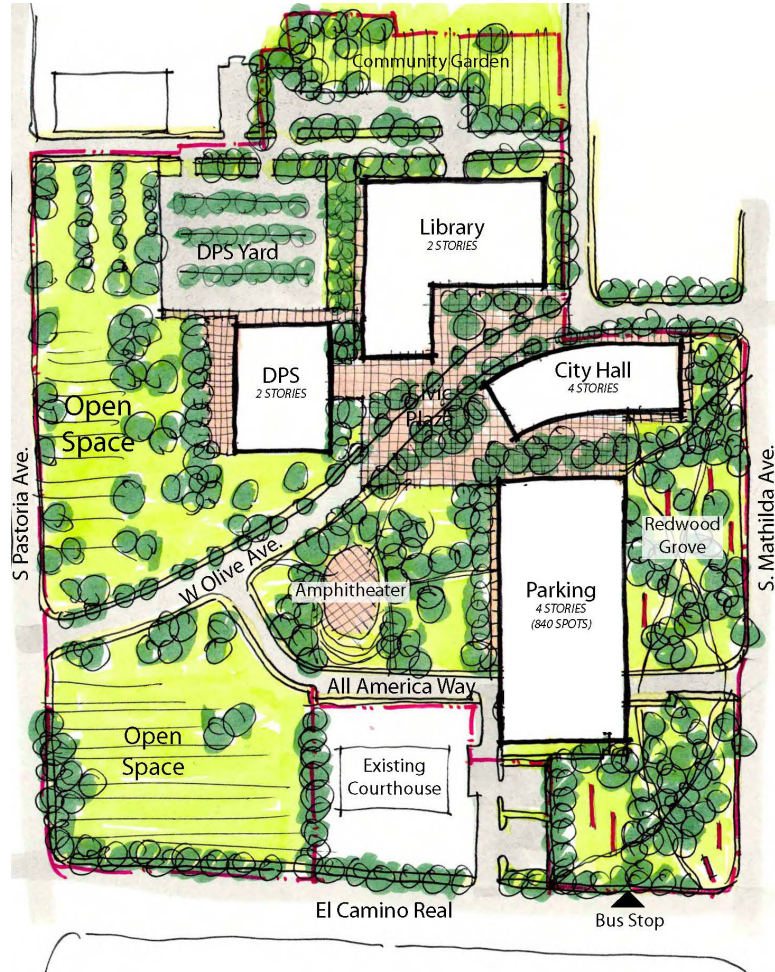


Option 4
Civic Plaza

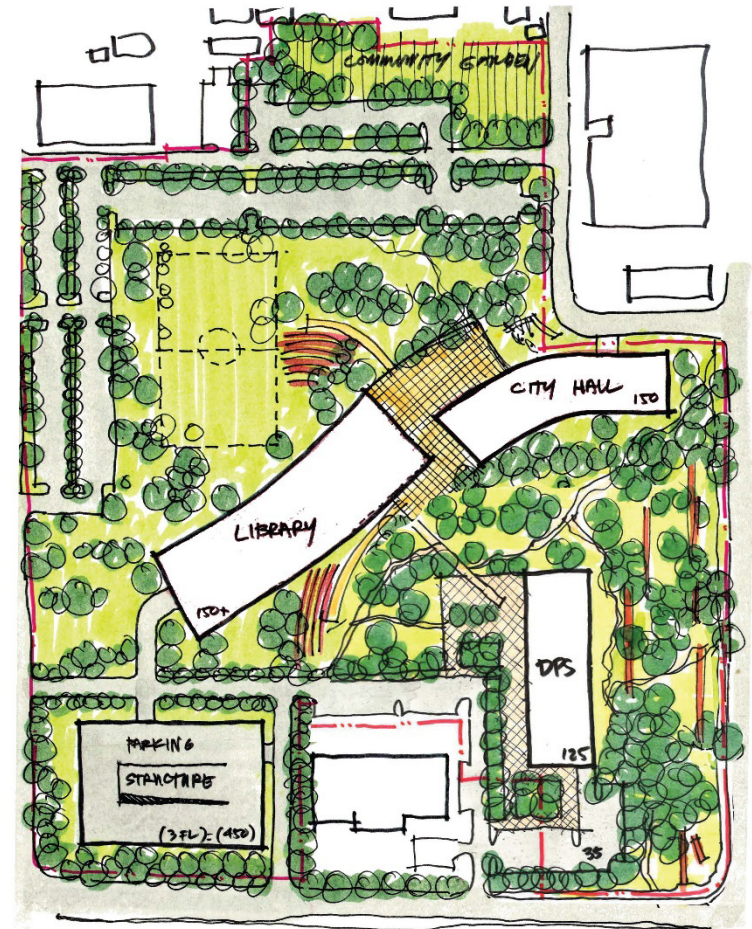


Two Alternatives

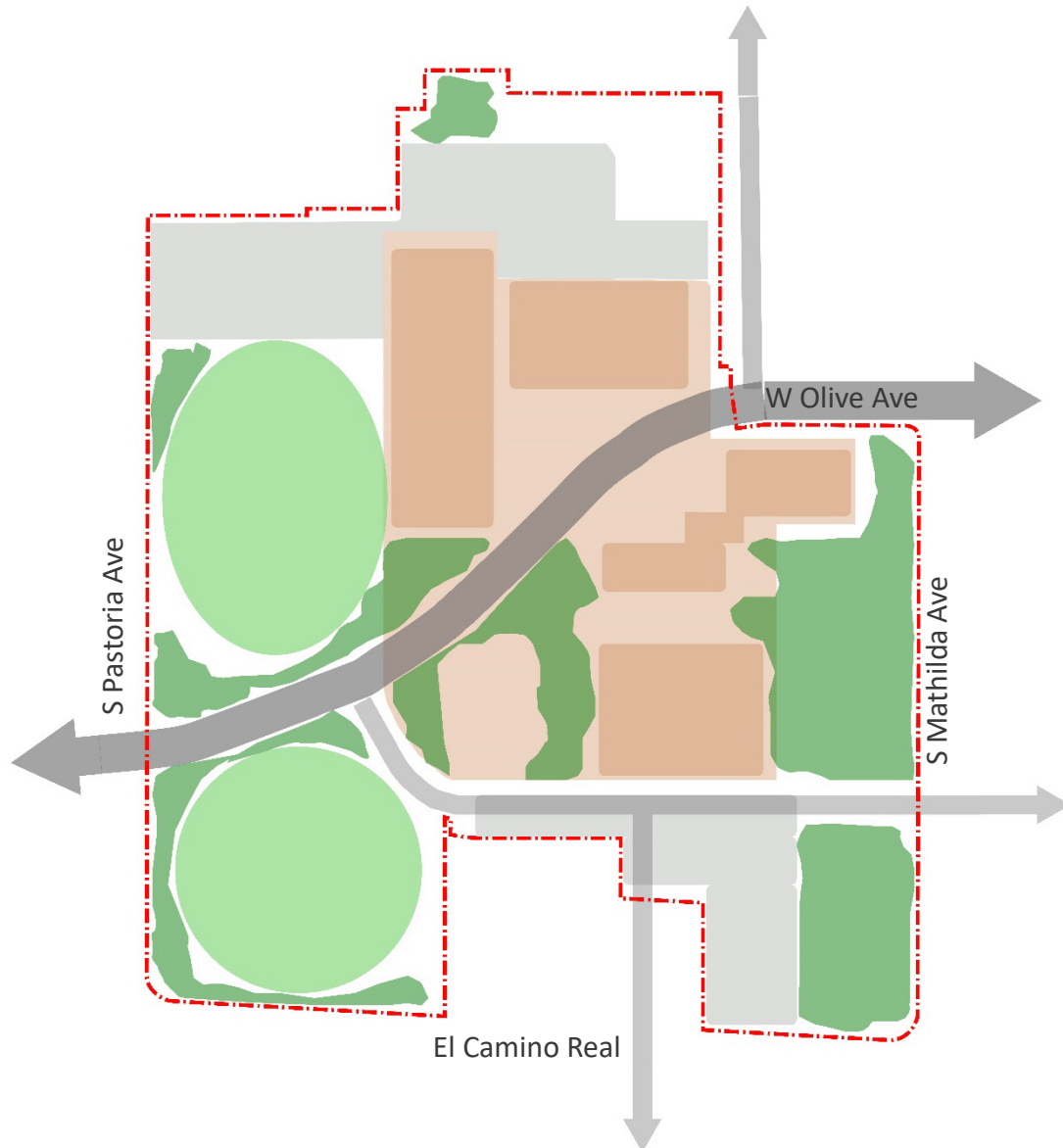
Option 1



Option 2



Option 1: Compact Central Plaza + Main Street



- Olive as a great street, car is the invited guest
- Central Urban Plaza framed by Civic Buildings
- Parking on the perimeter serviced by All-American Way and Sutter Extension
- Iconic Trees Framing Mathilda and Council Chambers
- Large Open Space on Pastoria



Option 1: Master Plan



Proposed Areas

Building Footprints:	15%
Asphalt:	18%
Open Space:	67%

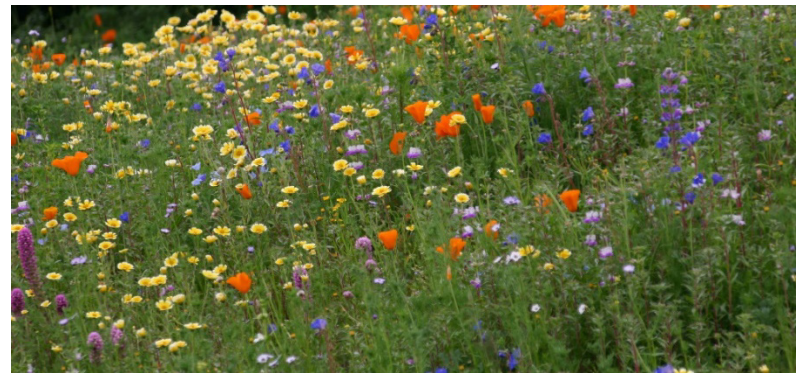
Existing Areas

Building Footprints:	16%
Asphalt:	40%
Open Space:	44%

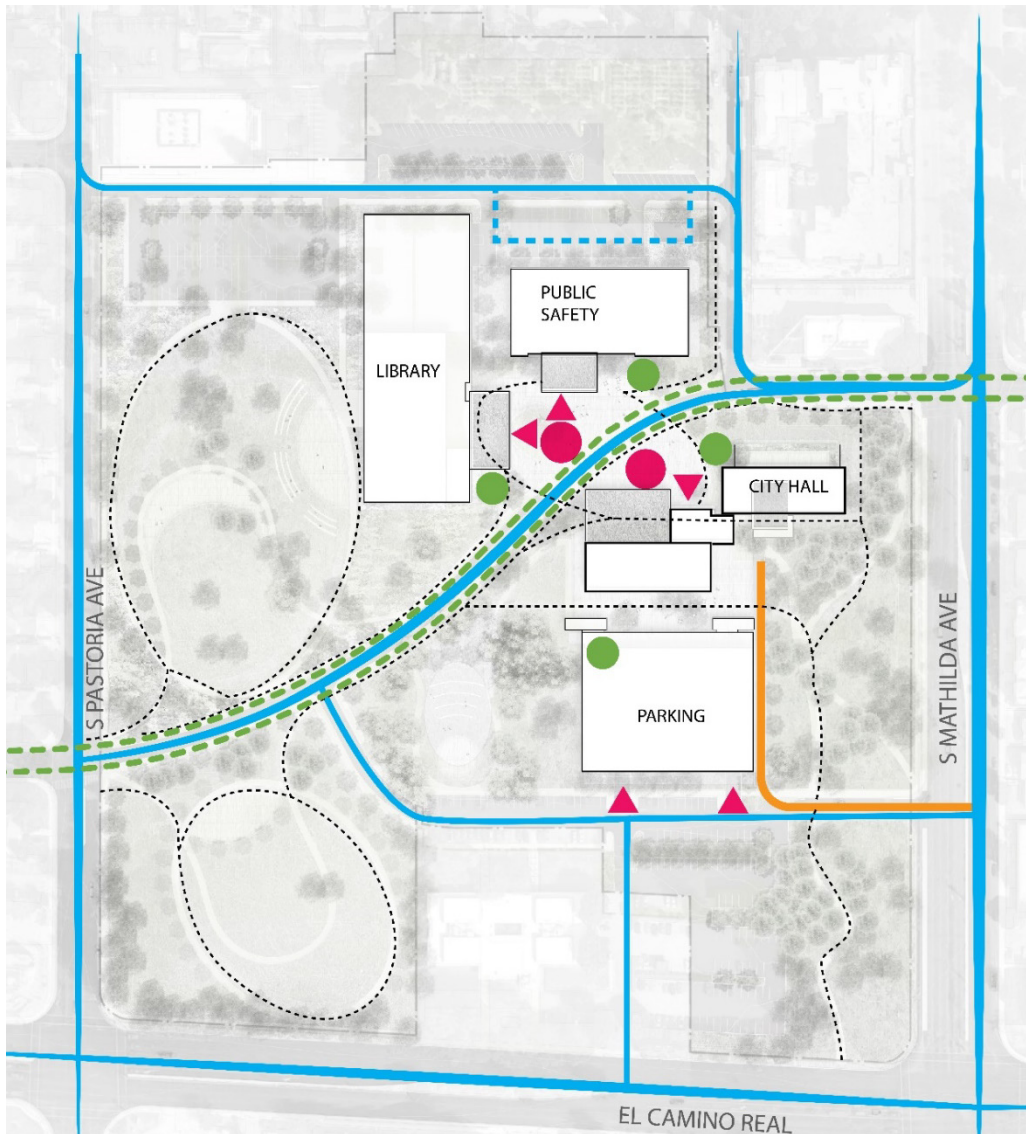
Open Space Precedents – Use of Space



Open Space Precedents – Planting Palette



Option 1: Site Circulation

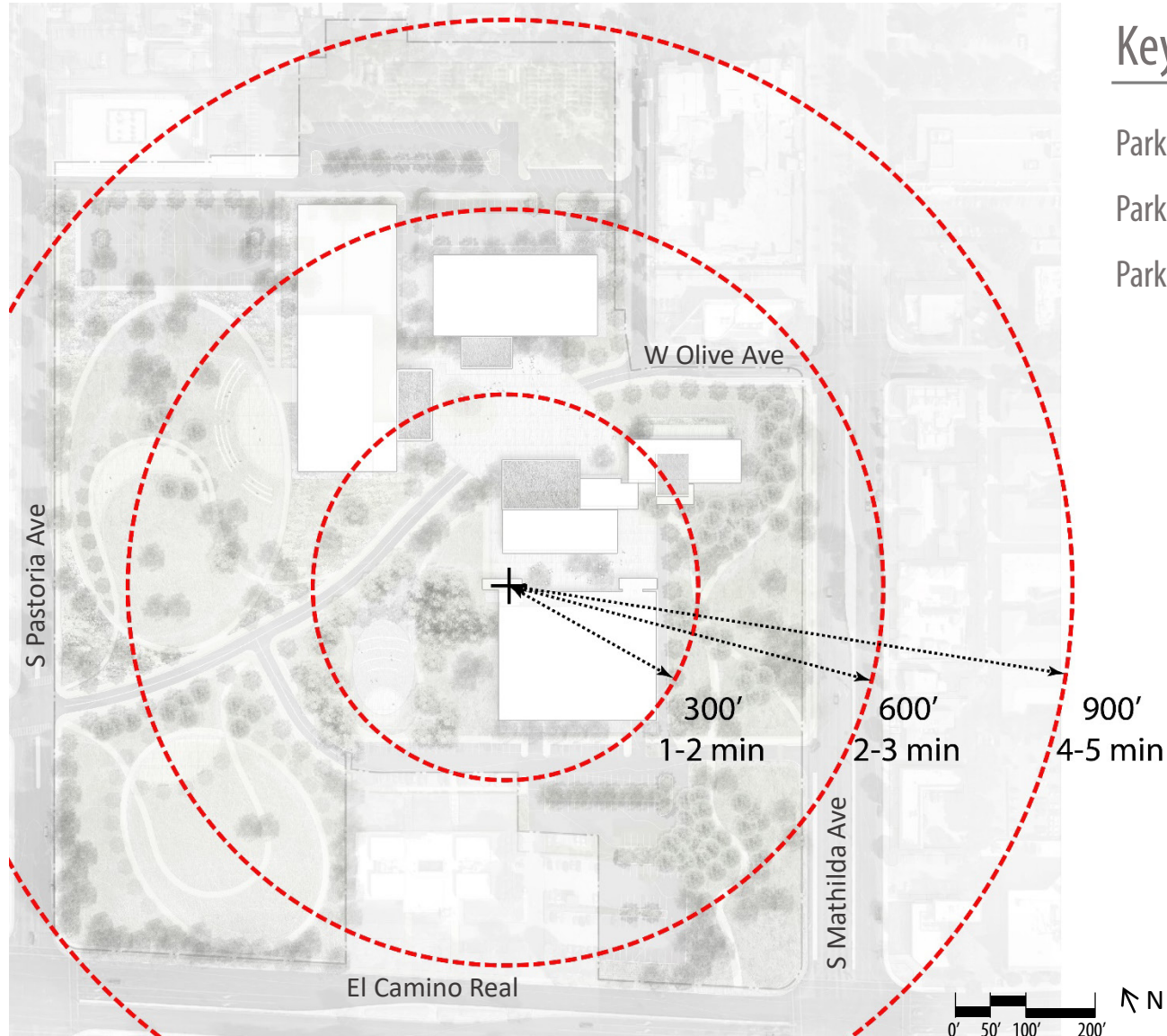


Key

- Drop Off
- ➔ Entry
- Walking Trail
- Vehicle
- Secure Access
- Service
- Bike
- Bike Parking



Option 1: Walkability



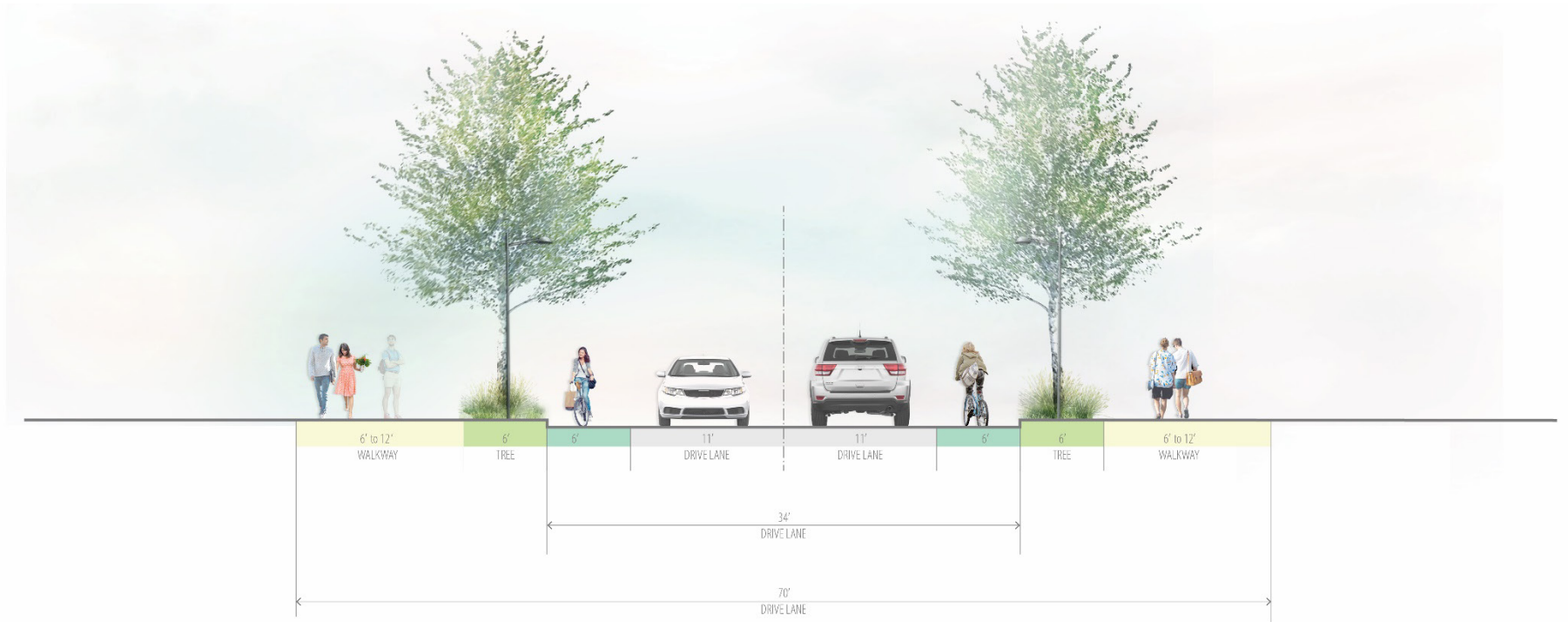
Key

Parking deck to City Hall = 1 minute

Parking deck to Library = 2 minutes

Parking deck to DPS = 2 minutes

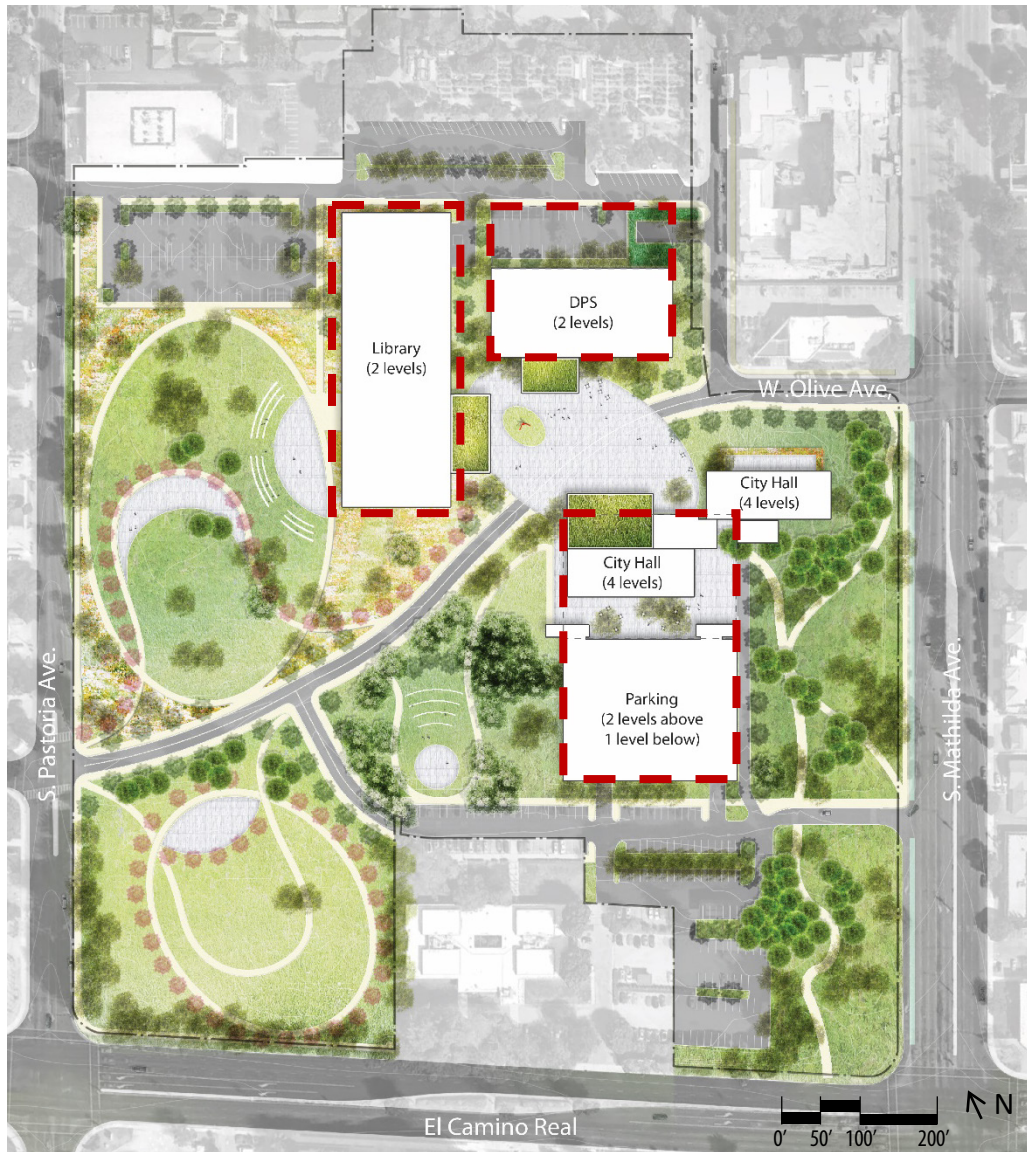
Option 1: Site Section



Option 1: Master Plan



Option 1: Underground Parking



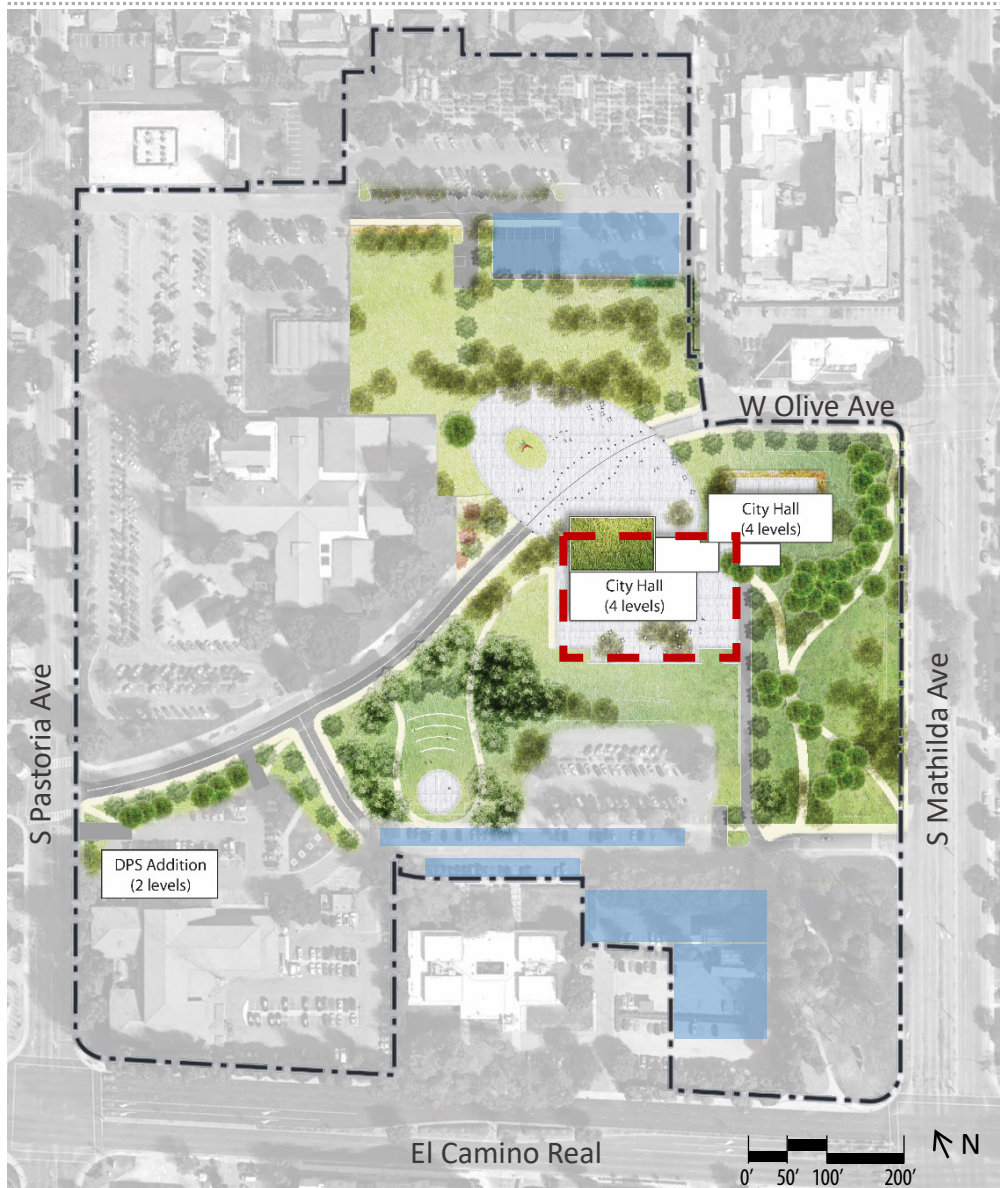
Option 1: Conceptual Aerial View



Option 1: Phase 1



Option 1: Phase 1 Underground Parking



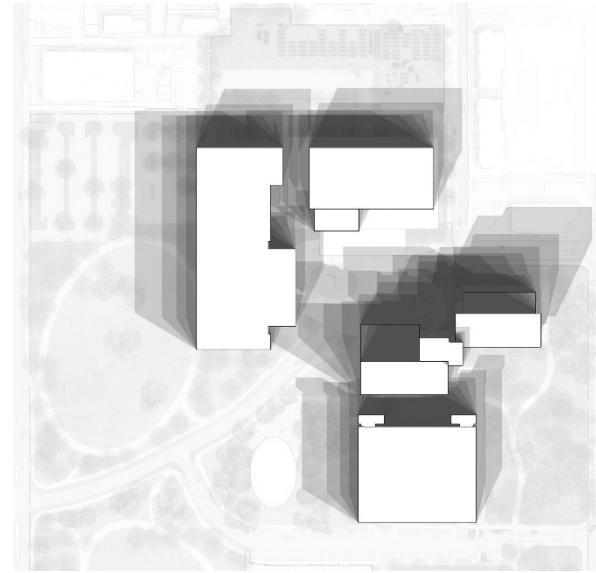
Option 1: Phase 1 Conceptual Aerial



Option 1: Shadow Analysis



SUMMER



WINTER

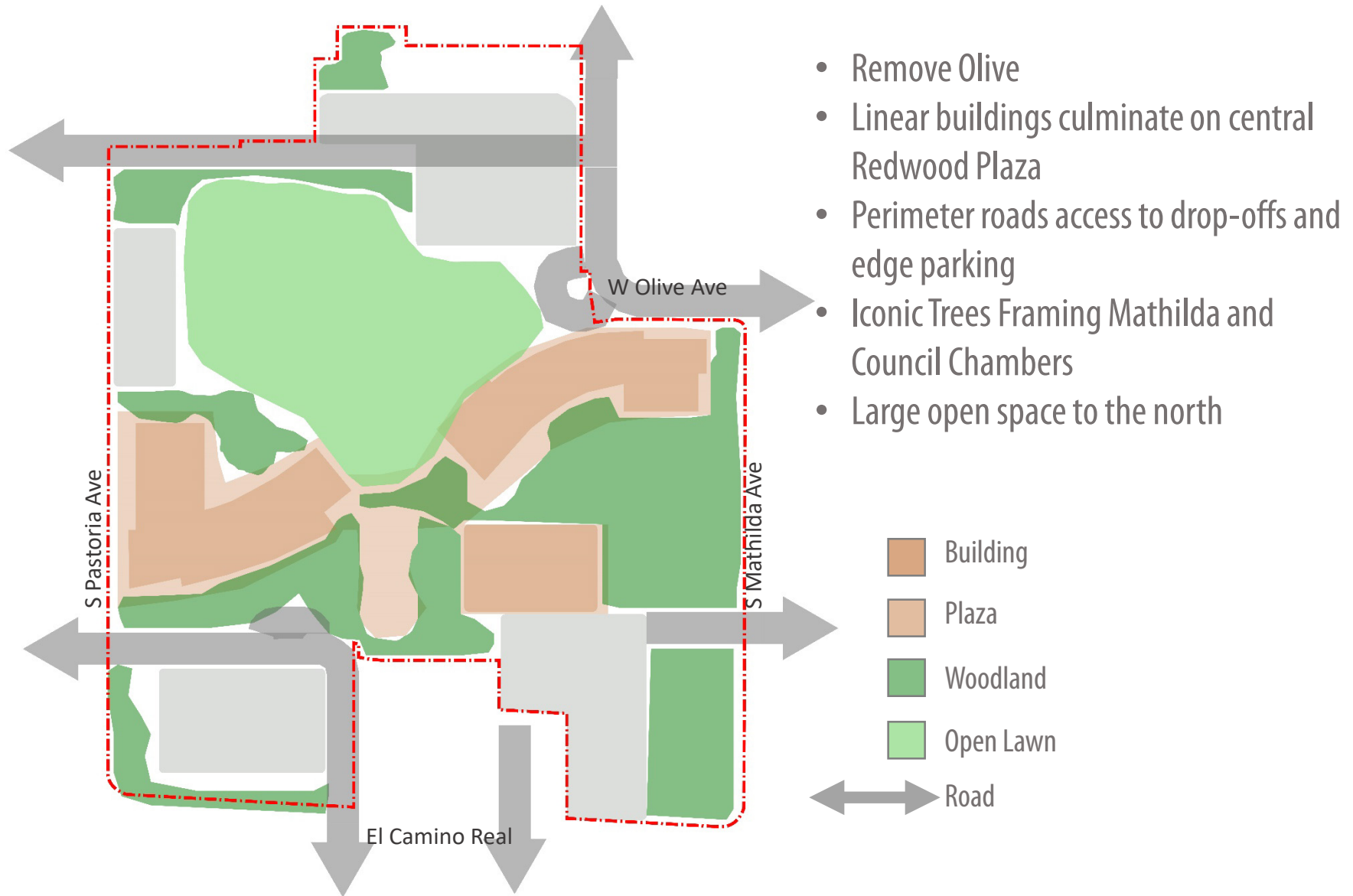


SPRING



FALL

Option 2: Linear Buildings + Large Open Space



Option 2: Master Plan



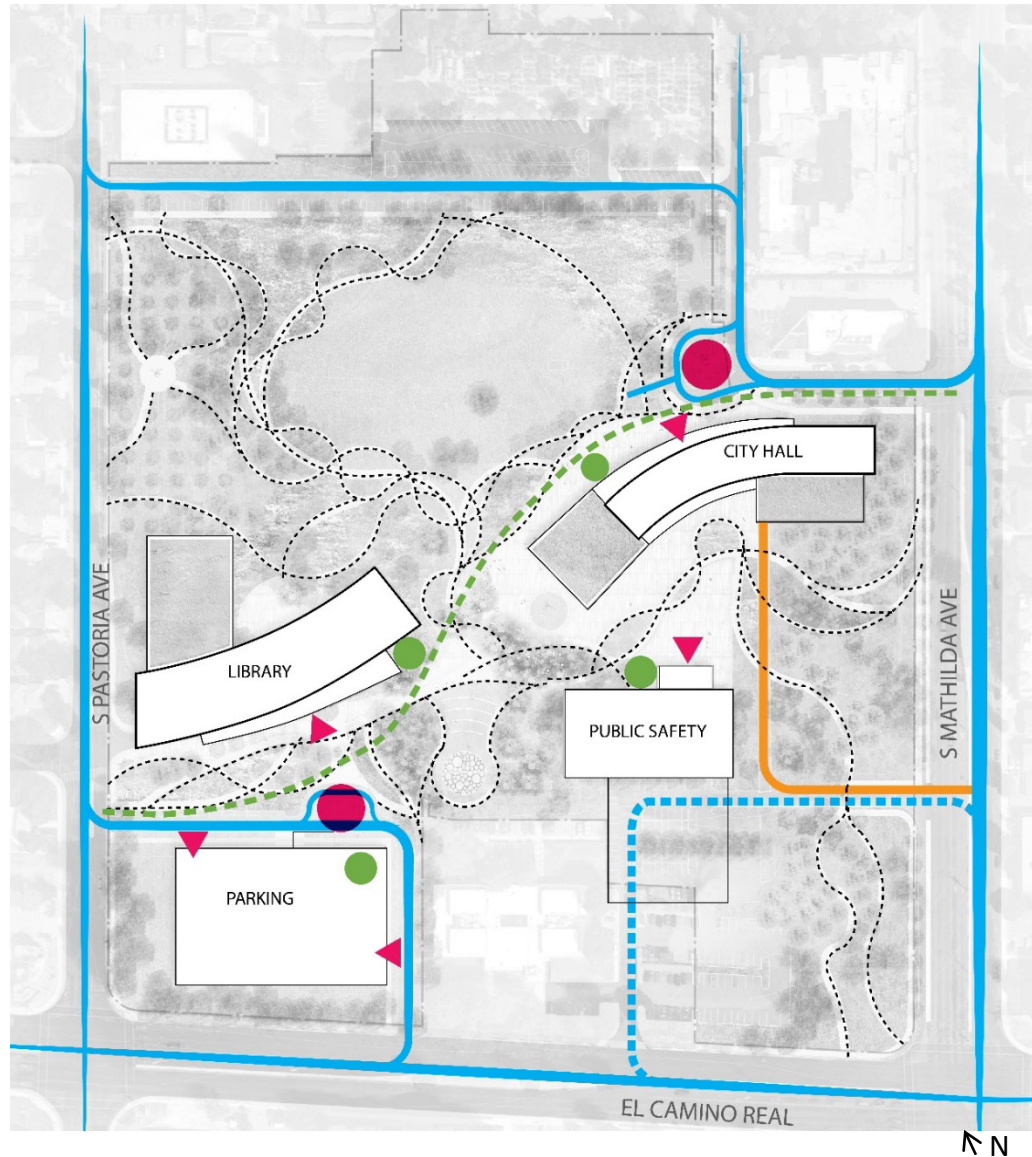
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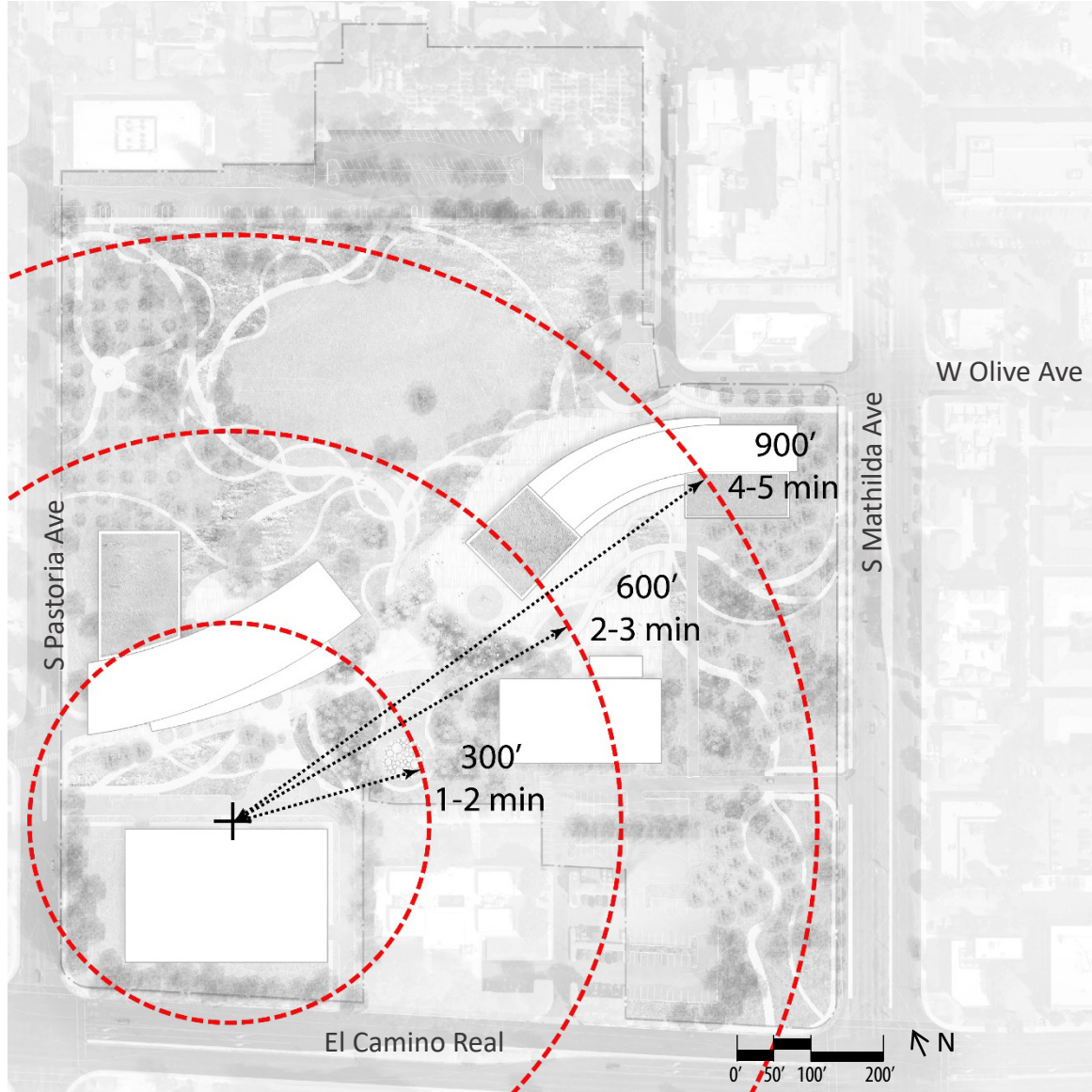
Option 2: Site Circulation



Key

- Drop Off
- ➔ Entry
- Walking Trail
- Vehicle
- Secure Access
- Service
- Bike
- Bike Parking

Option 2: Walkability



Key

Parking deck to City Hall = 5 minutes

Parking deck to Library = 1 minute

Parking deck to DPS = 3 minutes

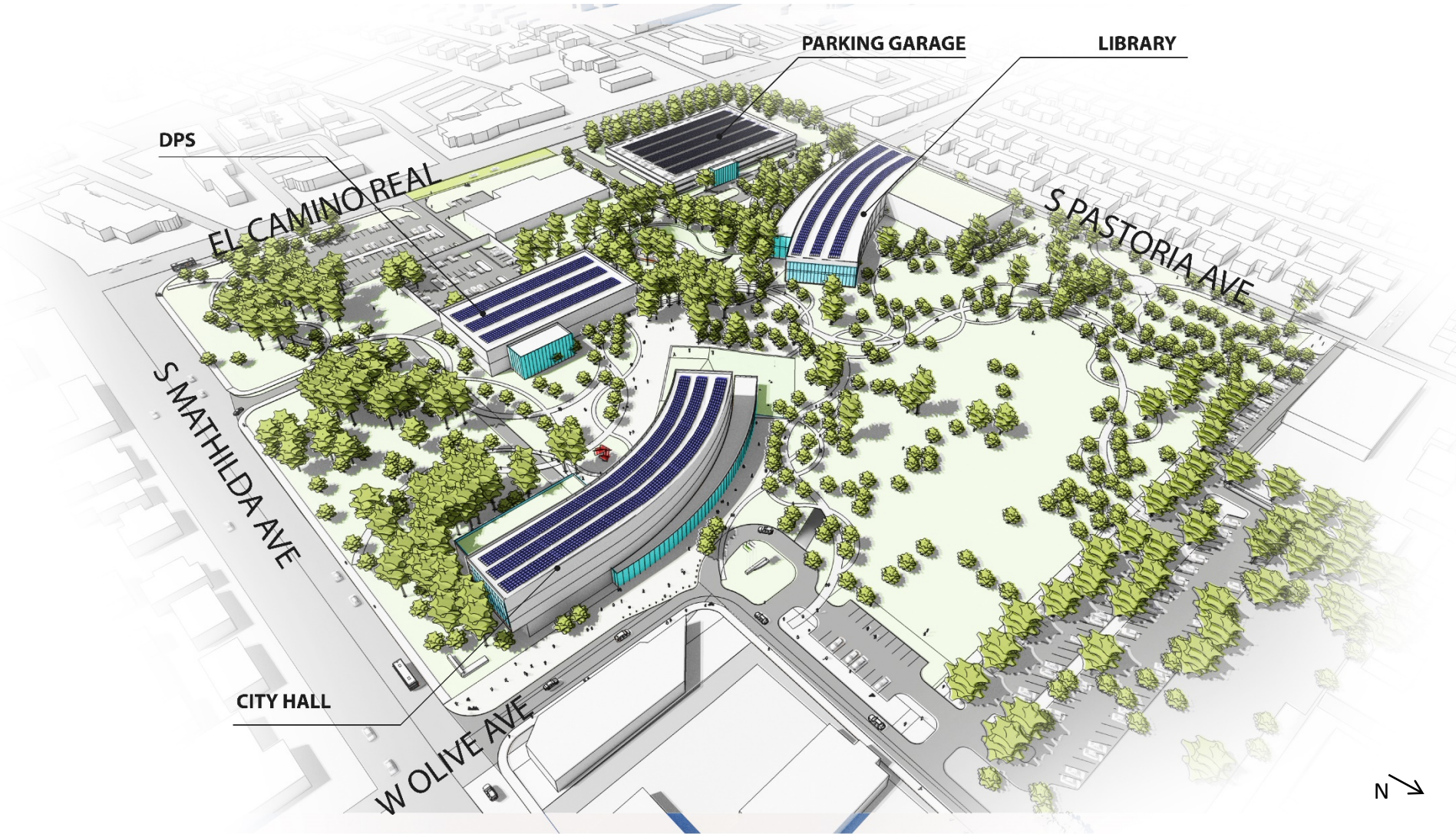
Option 2: Master Plan



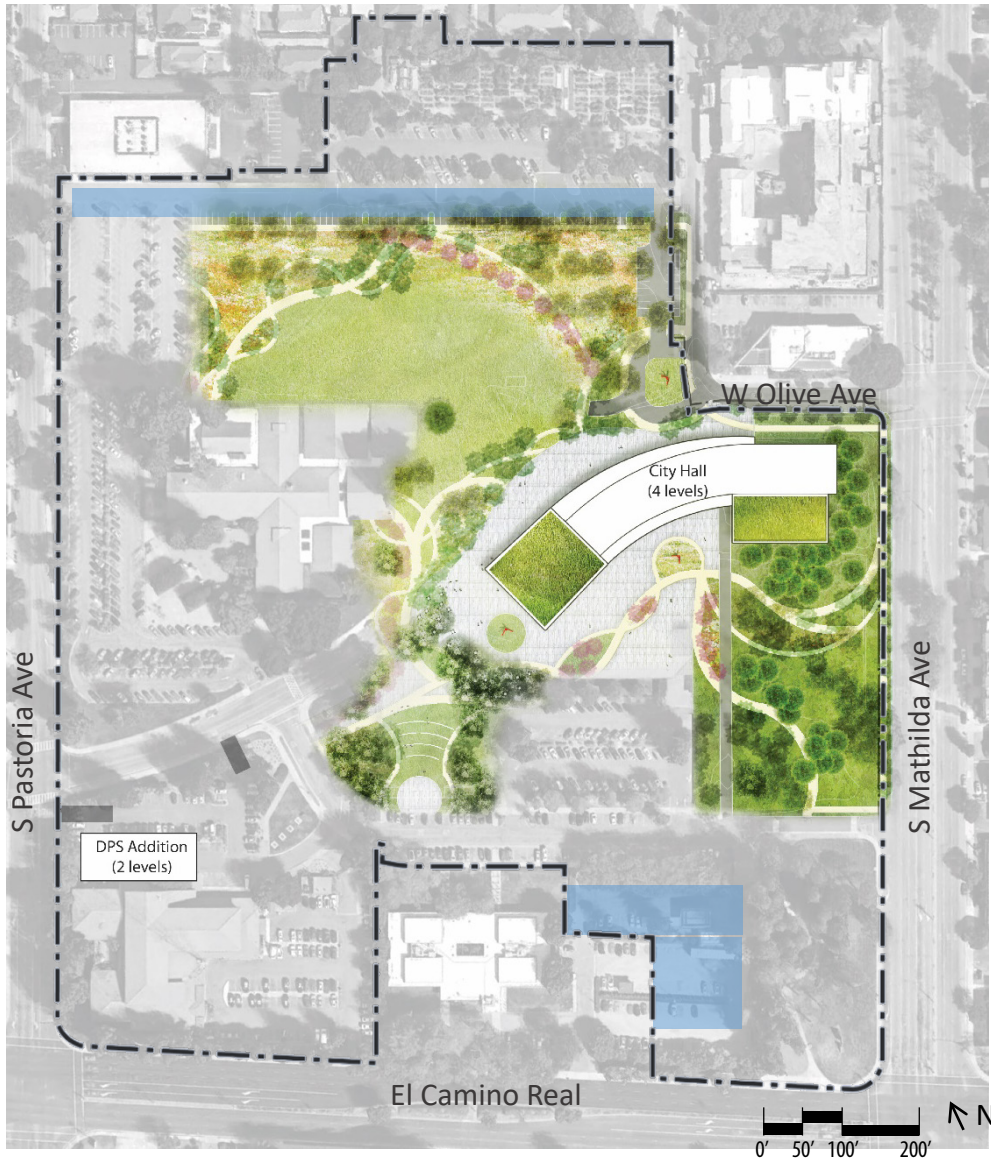
Option 2: Underground Parking



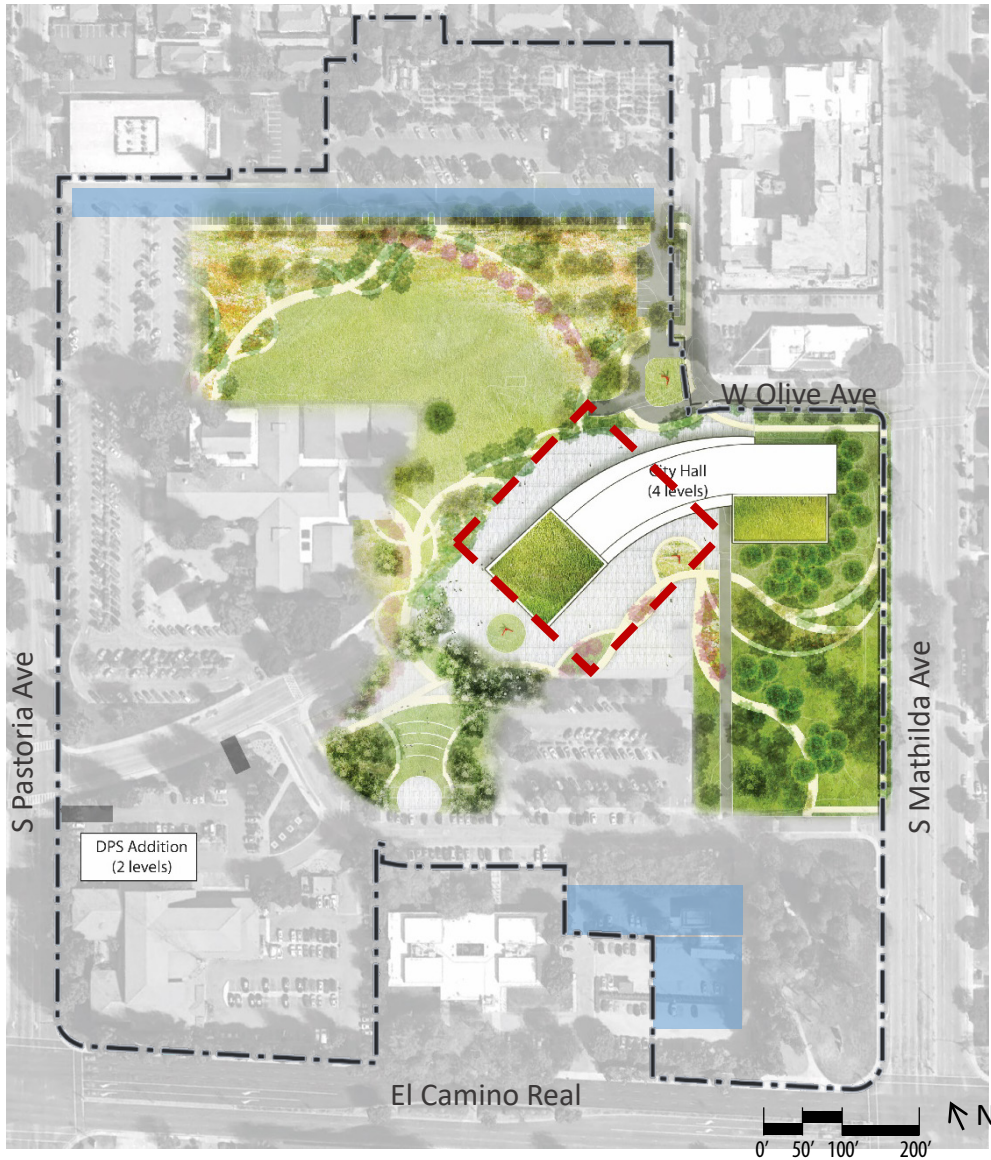
Option 2: Conceptual Aerial View



Option 2: Phase 1



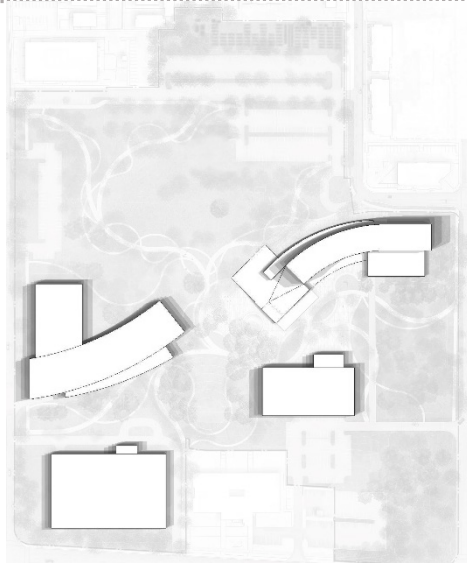
Option 2: Phase 1 Underground Parking



Option 2: Phase 1 Conceptual Aerial



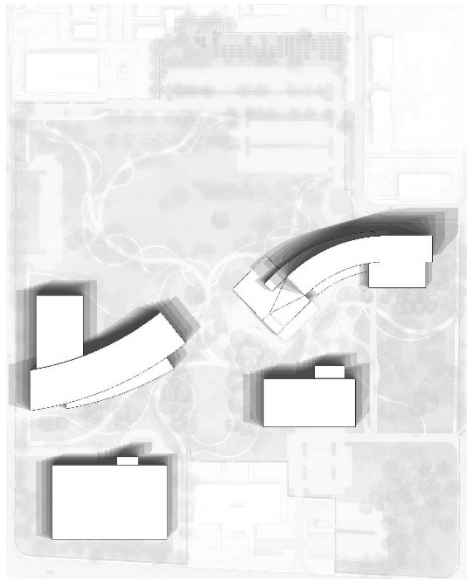
Option 2: Shadow Analysis



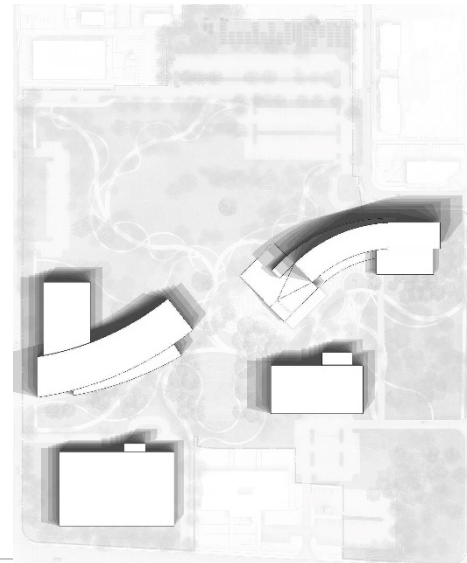
SUMMER



WINTER



SPRING



FALL

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Two Options

Option 1



Option 2

